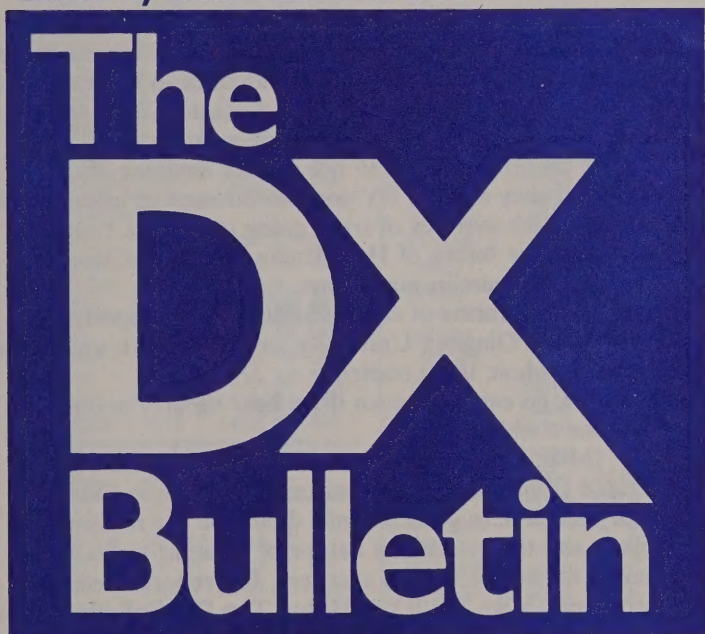


**Southern Sudan - ST0** John Fung-Loy PA3CXC was packed and ready to return to ST0 beginning June 22, but an attempted coup in Southern Sudan on June 18th forced him to cancel at the last minute. His hoped-for six-month operation has also been scrapped. Meanwhile, TZ6MG will go to Southern Sudan in late July, with equipment. He will attempt to get operating permission, but the situation there is "very difficult."

**Taiwan - BV** Denton Bramwell K7OWJ returns to Taiwan where he will be active as **K7OWJ/BV2** July 11-18. He'll be on CW and SSB from 1100Z to 0100Z, on 10, 15, 20, and maybe 40 meters, and especially likes 28510 kHz. No tail-enders, please. QSL c/o Heathkit, Benton Harbor MI 49022, with SASE. He's running Heath gear, of course: SB-1400 and SB-1000 amp. No donations requested, but, "Just tell people to buy Heath stuff so we can justify these trips!"

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Marion Island - ZS8** Peter ZS8MI has been quite active on 14172 kHz at 1300Z. He listens way up the band: 14250-260 kHz. West Coast hams should try the long path. He'll give CW QSOs on the SSB frequencies, but keep the speed way down. QSL ZS6PT.

**Ogasawara - JD1** Mr. Yamazaki JA1SGU will be /JD1 from this Japanese island July 14-17, on CW only. Watch 28005, 21005, and 14005 kHz. QSL home call, or via the JARL bureau.

**Malta - 9H** In what he says is the first Hungarian DXpedition from a Western bloc country, Janos HA8UB, with HA8RA, HA8XF, and HA8ZC will operate from Malta June 28-July 10, 160-10 meters, CW, SSB, and RTTY. They'll also be on in the IARU HF Championship July 8-9. QSL home calls, except HA8RA via HA8UB, or via the Hungarian bureau.

## Reserve Your Island

- Mike KD2EU and Joe K1JB plan to operate as **VK9LV** from Lord Howe Island in CQWW SSB in October. They'll be there Oct. 26-31, and will use the call **VK9AE** outside the test. Watch 36 kHz up on CW, and 14236, 21236, 28436, and 28536 kHz on SSB, listening 5-10 kHz up. QSL to KD2EU.
- W8KKF, K8CV, and others return to Grenada J3 for the CQWW SSB test. Operation will be Oct. 25-Nov. 1, with CW outside the test. More details to come.

## Shortly Noted

- The special call **4L1NV** and other stations adding /**RW1N** or /**RA1N** will celebrate the 45th anniversary of the liberation of Karelia July 1-15. Watch 3505, 7005, 14015, 21015, and 28015 kHz on CW and 3645, 7045, 14215, 21215, and 28515 kHz on SSB. Special event stations **EV1AN**, **RA1ANP**, **R1ANM** and **EM1ANS** will also commemorate the event June 27-July 1. (Thanks DXNS.)
- **ZZ5TIM** will be active on CW only, 10-40 meters, July 1-2. QSL to PP5TIM.
- The Organisasai Amatir Radio Indonesia, the Indonesian national amateur organization, celebrates its 21st year with the special call **YB21AR** July 8-9, from Danau Ranau in southern Samatra Island (OC-21).
- The Liberia Radio Amateur Association commemorates the 142nd anniversary of independence of Liberia by using the special prefix **6Z** in place of **EL**, during the entire month of July. QSL all 6Z contacts to Robert Wynhoff K5HUT, 12915 Memorial Drive, Houston TX 77079, **not** to Liberia. LRAA offers numbered awards for working five different Liberian stations in July. GCR, US\$5 or 10 IRCs to LRAA Awards Manager, P.O.Box 10-0987, 1000 Monrovia 10, Liberia.
- Missionaries Wyn **YB8ATI** and Carol **YB8ATY** are often on 14275-300 kHz at 11-1300Z. QSL W9NNC.
- VS6CT says the Macau authorities have not issued **XX9GP**. Don't try to QSL this pirate via KL7 bureau.
- Japanese amateurs get use of the 12 and 17 meter bands July 1. CW 18068-18118 kHz and 24890-24940 kHz, SSB 18118-18168 and 24940-24990 kHz. (Thanks Japan DX News.)
- Regulars (callsign, frequency or band, UTC): **3B8CF** 14032 1300Z or 0245Z; **3B8DB** 14014 long path 1200Z; **4K0F** 14008 0430Z; **FR5FO** 14020 long path 1145Z; **FT4ZE** 14005 11-1400Z; **JT1BR** 14026 1400Z; **JX7DFA** 14010 2330-0100Z; **JY9SR** 20M CW 0145Z; **S01MZ** 20M CW 01-0300Z; **SU1EE** 20M CW or 21026 0030-0330Z; **T5CT** 14026 1400Z; **TA2BK** 14030 2245-0100Z, 20M SSB 03-0500Z, and 21030 20-2330Z; **TT8CW** 14004 2330-0030Z; **UI8AA** 20M CW 23-0100Z; **CE0GHO** 20M SSB 0300Z; **FH8CB** 20M SSB 0400Z; **J52US** 14205-210 00-0200Z; **KC4USV** 14250-210 10-1200Z; **KH0AC** 20M SSB 10-1100Z; **S79J** 14190 12-1400Z; **T5MF** 20M SSB 1230-1400Z; **YI2LVB** 14160 long path 1450Z; **ZS8MI** 14172 13-1400Z; **KG4XO** 21033 2200 or 0300Z; **4S7EA** 21300 0000Z; **S92LB** 21280 2100Z; **TA3F** 21309 2245Z; and **HL5BDS** 28020 14-1700Z.
- Active RTTY stations: **HZ1AB** 21095 1800Z; **SU1EE** 14080 0100Z; **5V7TM** 14090 2130Z; **V85RM** 14090 2130Z; **VU2SVJ** 14087 1120Z; and **TA4A** 14091 2300Z.



## Propagation

### Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
June 1989		Date Flux A K	Date Flux A K
23	Low Normal	5/27 171 15/24 3	4/29 184 20/32 3
24	Low Normal	5/28 169 14/17 3	4/30 175 20/24 2
25	Low Normal	5/29 171 14/18 2	5/01 178 11/12 3
26	High Normal	5/30 179 14/15 4	5/02 181 20/22 4
27	High Normal	5/31 189 09/16 3	5/03 186 11/14 2
28	High Normal	6/01 192 11/15 3	5/04 196 17/19 3
29	Low Normal	6/02 202 16/20 3	5/05 191 31/40 4
30	Low Normal	6/03 200 11/20 3	5/06 194 17/19 2
July			
1	High Normal	6/04 218 11/18 2	5/07 200 35/45 4
2	High Normal	6/05 209 08/12 3	5/08 208 04/10 1
3	High Normal	6/06 211 14/12 3	5/09 203 06/10 1

### Propagation Watch

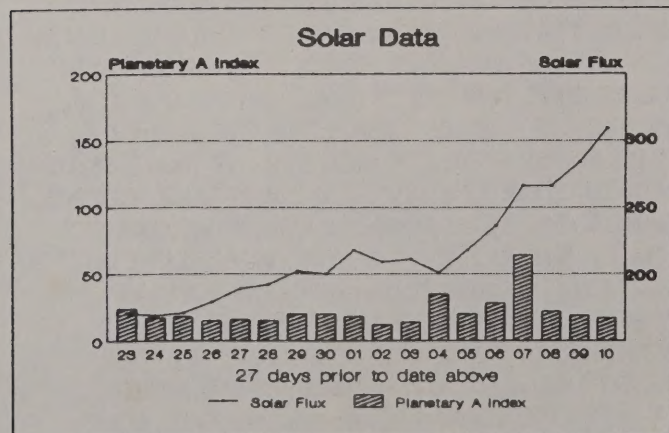
The solar flux sky-rocketed to a Cycle 22 high of 327 last week. A quick check of flux values from Cycle 21 didn't find any values that high. That may have been the highest flux value this decade. Unfortunately, the high flux values were accompanied by a minor geomagnetic storm, so the bands were not as good as we might expect.

The intense levels of solar activity did cause 10 meters to open, although seasonal effects have tended to lower maximum usable frequencies (MUFs) below 25 MHz.

Solar flux levels dropped as Sunspot regions 5528 and 5533, the regions that produced much of the intense solar activity, passed around the back side of the sun. They are due back in early July. The forecast is for more moderate solar flux, perhaps dropping back to the 200 level in the next week. The geomagnetic field should also quiet down, leading to better propagation.

When the K index is 1 or 2, look for excellent long-path openings on 20 meters at local dawn. This opening continues to be one of the most productive times to look for long-haul DX. 15 meters also offers a good long-path opening, a few hours after local sunset. The rare 10-meter long path opened at the solar flux peak, with S-4 signals from Japan copied in the midwest at about 1320Z on June 16. This is three hours after sunset in Japan. Try a CQ on 10 in the evening; it just might be open! DXers should also check 17 meters in the evening, after 15 meters closes; it often stays open hours after 15 is dead.

15 and 20 meters will continue to be the DX bands, with 15 meters open worldwide in the daylight hours, and 20 staying open essentially all night on many occasions. Good hunting!



## DXpedition Pays Off

The recent XF4L DXpedition to Socorro Island left a transceiver with the island's base commander: Fernando Qujanf. Fernando obtained his own amateur radio license, and has been active as XF4F. The DXpeditioners' efforts to get Fernando on the ham bands paid off handsomely last week. A visiting skin diver suffered a punctured lung, an emergency beyond the capacity of the base's dispensary. Another individual was also in need of evacuation. However, the military radio link to the mainland was wiped out by the geomagnetic storm in progress.

Fortunately, Fernando had the ham rig and the expertise to use it, and was soon on 14225 kHz talking to Emilio Berny XE3EB, who relayed the emergency to the Mexican Navy. The Navy immediately flew a plane to Socorro, and evacuated the patients to La Paz.

Special thanks to the XF4L team for getting Fernando on the air, and supplying him with the rig. This will pay dividends not only for Mexican hams, but also to any DXpeditioners who work to show the value of their sport.

## China Report

The DX Bulletin's man in China, Mike Bragassa NS7Z, was operating BY1QH from Qinghua University the night of June 3rd, and was on his way back to his hotel when Chinese troops cleared the student protesters from the city square. He has the following recommendation:

"I caution all hams to **not discuss** anything about the situation if they make a BY contact. Sources of information are suspect for avenues of truth going out of the country. I don't know the future of Ham Radio in China! China has gone back 20 years in many ways.

"But all forms of communications are suspect. And BY1QH is at Qinghua University, one of the two universities where this whole thing started.

"So, go cautious, even if we hear them. I'm out of China for a while."

[Mike is an experienced China observer, and has operated from many of the university stations in China. Given the Chinese government's denial of any massacre in Beijing, and the precarious nature of amateur radio in the country, his advice sounds excellent. BY reports have been scarce since Mike left BY1QH, but The DX Bulletin will list any such received, but stick to signal reports and names, please. -ed]

## WWVH Propagation Reports

As we reported last week, WWVH from Kauai, Hawaii, now carries the Space Environment Services Center's (SESC) geophysical alerts at 45 minutes after the hour. If you miss the 18-minute-after-the-hour report from WWV, you can catch it from WWVH on 2.5, 5, 10, or 15 MHz. The reports will be updated every three hours, in step with the WWV reports.

Lee Wical KH6BZF has been spear-heading a letter-writing campaign for many years to establish this service. He suggests that any amateurs who copy the report on WWVH drop a note of thanks to Dr. Gary Heckman, Chief, NOAA/SESC, NOAA/ERL, R/E/SE2, 325 Broadway, Boulder CO 80303, in appreciation. And thanks to Lee for this new service to amateurs in the Pacific.



# B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY				FR5FO	14015	1147	17	FL	A35SA	14186	0546	11	CO	VN2ZAP	21003	0152	13	NH	
5N0ALE	14093	0303	11	MI	FT4ZE	14006	1100	11	MI	A41KJ *	14177	1328	9	CO	YN/	21012	1615	11	CA
5W1AB	14091	0410	16	CA	HS0B	14028	1155	5	CA	A92BE	14250	2033	10	MD	SM0OIG				
5Z4BH	21083	1800	4	WA	HS0B *	14016	1110	12	MA	BY4RB	14193	1238	8	NH	ZD8SE	21013	2145	9	MA
9M6HF	14086	1445	6	WA	HT3A	14010	2344	10	FL	BY4RB	14193	2033	8	MD	ZP6XDW	21013	1407	17	FL
A35SA	14093	0406	11	MI	HZ1AB	14003	0009	15	FL	CE0GHO	14185	0255	12	IL	15 Meter SSB				
EA8BLO	14091	2310	6	OH	JT1BE *	14024	1350	8	OR	D44BC	14213	0159	9	MA	3B9FR	21271	0259	6	MA
EA8RA	14087	2027	9	NY	JT1BR	14032	1357	14	OR	EP2HZ	14156	0142	13	MA	3X1SG	21266	0055	4	GA
EA9JV	21083	2230	7	OH	JX7DFA	14010	2320	6	PA	FH8CB	14237	0351	11	CO	4S7EA	21301	2359	7	VA
HC1SC	14095	0319	11	MI	JY7ZZ *	14010	1348	8	WA	FR4FD	14187	1100	3	MA	5N0UDB	21256	1451	9	CO
HH2BZ	14073	0410	4	OH	JY9SR	14004	0140	12	MI	FR5FO	14186	1325	10	CA	6T2MG	21277	2152	6	MD
HP1AC	14090	2315	7	OH	KH8AG	14041	1340	10	CA	J52US	14206	0056	11	MI	6W7OG	21230	1742	9	FL
HZ1AB	21092	1810	3	OH	PT8ZCB	14018	0248	15	OR	J52US	14223	2352	8	MA	9H3IE	21255	1537	6	FL
IT9DTX	14080	2305	6	OH	PZ1DD	14030	0510	6	CA	KC4USV	14210	1015	11	MI	9K2KS	21254	0038	6	MA
KG4XO	14098	0500	11	OH	RB8J/	14021	0057	16	FL	KC6JC	14220	1102	8	AL	9Q5XX	21245	1823	10	NH
LZ2KIM	14096	2225	10	OH	RB5LVV					KH0AC	14223	0950	6	FL	9X5NH	21292	1541	10	MD
OX3GC	14095	0343	11	MI	RB9Q/	14018	0050	13	FL	KX6HE	14266	1024	14	FL	A92BE	21300	2323	1	PA
RF1F/	14084	2238	3	HP	UB5LGM					OD5AS *	14201	1443	10	WA	A92EV	21221	1454	4	MD
UA3TT					RF1F/	14019	0058	12	MA	P29CG	14244	1200	11	MI	CE0DFL	21307	2333	11	CA
RL8PYL	21086	0214	8	FL	UA3TT	14019	0054	16	FL	P29LB	14245	1050	9	OH	J52US	21300	1950	9	FL
SU1EE	14091	0200	31	NY	RH8AO	14020	0034	15	FL	P29SF	14195	1016	6	FL	JY9LC	21317	1522	2	MD
TG9VT	14098	0512	10	WA	S01MZ	14027	2128	15	FL	S79J	14189	1201	4	GA	PZ1DV	21265	0153	6	MA
TG9VT	21089	1535	10	OH	SU1EE	14038	0105	16	FL	S79J *	14193	1346	7	MO	S79J	21326	1727	9	ME
TR8RLA	21086	2230	7	OH	T30AC	14025	1105	11	OH	SU1EE	14225	0300	15	MI	S92LB	21281	2056	7	MD
UT5RP	21088	1600	3	OH	T32AB	14008	0642	12	CA	SU1EK	14321	0310	8	IL	T50DX	21195	1844	6	MD
ZS6PI	14088	1435	14	CA	T5CT *	14025	1410	10	WA	T30BC	14232	1243	1	MD	T50DX	21210	2201	6	MN
75 Meters					TA1AW	14030	0046	12	FL	T50DX *	14202	1330	7	WA	TA3F	21310	2256	8	NH
DL6AAR	3792	0041	8	NH	TA2BK	14029	2246	14	FL	T5MF	14226	1228	12	MD	TF3IM	21315	2125	7	MD
VK3DZM	3797	1225	11	WA	TA2BK	14026	0330	9	OR	T5MF *	14207	1345	8	MO	TL8JL	21303	1322	10	NH
40 Meters					TC0A	14008	2158	9	NH	TA2AP	14251	1815	7	NH	TR8RLA	21256	2219	10	NH
7P8EG	7075	0454	11	CA	TF3SZ	14007	1038	6	MA	TA2BK	14187	0307	12	NY	TU2QQ	21292	1709	9	CO
FK8FU	7060	1024	10	VA	TT8CW	14009	2332	15	MA	TJ1BW	14193	0100	11	MI	UL7FEC	21294	2352	5	FL
HK5LEX	7180	0623	7	VA	TY1OR	14003	0012	8	NB	TU2JL	14190	0339	11	CO	VK9ND	21370	0218	8	TN
PZ1DV	7016	0930	10	MI	U8BQ	14008	0014	12	MA	UA1O/	14202	0304	12	IL	VU2AVG	21233	0045	7	GA
TA1C	7003	0012	12	MA	UA9G/	14004	2148	7	MA	UA0BEZ	Franz Josef Land			VU2TT	21284	2102	8	MD	
TL8RM	7005	0442	10	CO	UA9FGJ					UI8CD	14238	0117	8	MA	VU2WAP	21286	0200	5	MA
V85AA	7004	1330	14	OR	UA9G/	14004	0226	8	OR	UI9BWE *	14207	1350	10	CA	YF0CAI	21312	1755	8	MI
YC6JRV	7009	1338	1	OR	RA9FA					UM8DX *	14176	1437	10	WA	YI1BGD	21261	0345	6	MD
ZS6BCR *	7010	1400	10	WA	UB6Q/	14013	0142	14	MI	V21AO	14168	0403	6	KY	YK/	21252	0007	12	MD
30 Meters					RB5LD					VK0GC	14180	0345	12	NC	OE5GML				
T28RW	10104	0913	14	FL	UC2WAZ	14006	0246	5	ID	VK9LA	14232	1202	9	MN	ZB2FK	21307	0020	8	VA
20 Meter CW					UG6GG *	14006	1445	10	WA	VP2EXX	14210	0114	8	MA	ZD8PJ	21309	0100	5	PA
3B8CB *	14006	1130	12	IL	UI8AA	14004	2318	11	MA	VS6CT	14186	1230	3	GA	ZD8RP	21375	2020	10	MD
3B8CF	14031	1258	1	CA	UI8AT	14019	0049	13	FL	VS6DX	14226	1154	11	AL	ZS3GB	21342	1830	9	MO
3B8CF	14033	0243	10	MA	UI9UWA	14004	0218	15	OR	VU2DNL *	14212	1355	10	CA	12 Meters				
3B8DB	14005	1404	8	OR	V85DA	14024	1104	17	FL	VU2LX *	14008	1222	11	MA	J37AJ	24950	2150	7	ON
3B8DB *	14011	1201	12	MN	VP8BWV	14029	0120	10	CA	YI2LVB *	14161	1454	9	CA	10 Meter CW				
3B8FE	14038	0300	8	MI	VQ9SS	14009	0055	11	MI	YI2LVB	14276	0215	8	VA	9Q5DX	28004	1630	11	LA
3B9FR	14029	1100	9	MA	VS6AP	14015	1120	11	MI	YJ8JS	14195	1117	12	MA	9Q5DX	28009	1320	4	GA
3D2AG	14007	0945	6	MI	VS6AP *	14003	1046	17	FL	YS1GMV	14193	0150	11	MI	A22AA	28012	1312	17	FL
4K0F	14010	0437	15	OR	VS6UP	14028	1043	11	MA	Z21GO *	14201	1319	8	MN	HL5BDS	28023	1429	6	KY
4K1DV	14034	0955	12	MA	VU2TEC	14030	1330	10	CA	Z24JW	14228	1510	10	CO	IS0OMH	28003	1206	17	FL
4S7DA	14015	1130	11	MI	VU2TEC	14035	2236	8	MI	ZK1DD	14210	0344	11	CO	10 Meter SSB				
4S7EA	14004	0025	11	MI	VU2TTC *	14003	1132	11	MA	ZP8C	14193	0505	9	CA	6W1AAD	28420	1355	1	ME
4U1UN	14025	2155	8	NC	YB2BNJ	14014	1120	11	MI	ZS8MI	14172	1306	11	NC	CE0DFL	28501	1729	11	CA
5N0SKO	14005	2300	7	PA	YN/	14018	0400	10	PA	17 Meter SSB					P29DY	28454	2305	11	WA
7P8EL *	14008	1345	8	OR	SM0OIG	14035	0322	8	IL	PP2ZDD	18122	0022	8	MA	Ti2JJP	28396	0440	9	IL
9H3IA	14012	0200	9	PA	Z21FN *	14019	1354	12	MN	VK2EQ	18131	1207	7	IL	VP8BUB	28470	1545	4	FL
9M2DI	14032	1113	2	CA	ZS6UE *	14015	1335	1	CA	XE2RC	18127	0618	7	IL	VP8ON	28507	1457	11	CA
9M2FS *	14012	1048	11	FL	ZV7XW	14028	0211	8	GA	15 Meter CW					ZD9BV	28465	1736	4	MD
9Q5DX	14031	0114	11	MN	20 Meters					8R1J	21019	2103	11	FL	ZP5CF	28500	1907	7	IL
9V1VV	14010	0639	10	CA	3B9FR *	14195	1125	12	MA	9Q5DX	21006	2212	2	PA	ZS1IS	28199	1700	8	IL
9V1XR	14012	1347	11	WA	3X1SG	14247	0023	3	MD	EA6ZY	21024	1428	11	FL	ZS8MI	28368	1205	1	ME
A41JV *	14011	1245	11	WA	4F6PC	14226	1349	14	OR	FP5DX	21017	0227	13	CA	ZX5C	28495	1525	11	VA
BV2YQ	14008	1458	7	OR	4S7NMR	14165	1200	8	FL	JY9SR	21030	0146	9	GA	6 Meters				
BY1QH	14028	1240	3	CA	4U1UN	14196	2055	11	NC	KG4XO	21030	0330	6	CA	8R1AH	50110	2238	12	VA
CE2ICP *	14026	1207	0	MN	5H3														



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# Calendar

Issue 493 - June 23, 1989

P.O. Box 50  
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U.S.A.



(Changes and hot info in boldface.)

<b>Amsterdam Island</b>	FT4ZE 14005 11-1400Z	I493
<b>Antarctica</b>	KC4USV 14205 10-1400Z	I493
<b>Belau - KC6 (WCI)</b>	DL7MAF/KC6 June	I492
<b>Benin - TY</b>	TY1OR 14004 0030Z	I492
<b>Canary Islands - EA8</b>	OH2BH/EA8 to August	I492
<b>Cape Verde - D4</b>	D44BS 15M SSB 17-1800Z	I492
<b>Cayman Islands - ZF</b>	ZF2s AH, JT July 1-28	I485
<b>Central African Rep.</b>	TL8NS 28500 13-1500Z	I490
<b>Chad- TT</b>	TT8CW 14004 2330-0100Z	I493
<b>Chagos - VQ9</b>	VQ9ZZ through June	I490
<b>Conway Reef - 3D</b>	Nov. 3-13 by OH1RY et al	I492
<b>Dominica - J7</b>	J79T July 4-18	I488
<b>East Malaysia - 9M8</b>	9M8PV 21205 0500Z, 21330 1500Z	I491
<b>Easter Island CE0</b>	CE0GHO 20M SSB 0300Z	I493
<b>Eastern Carolines</b>	KC6JC 20M SSB 1200Z	I492
<b>Egypt - SU</b>	SU1EE 21026 003-0330Z	I493
	20M SSB 01-0300Z	I493
	SU1EK 21270-80 0030-0200Z	I492
<b>Gabon - TR</b>	TR8RLA 15M SSB 2100Z	I491
<b>Guantanamo - KG</b>	KG4XO 21032 2200, 0300Z	I493
<b>Guinea-Bissau - J5</b>	J57FD by LA7FD June 20-July 4	I492
	J52US 14204-210 00-0200Z	I493
<b>Indonesia - YB</b>	YB21AR July 8-9	I493
<b>Iraq - YI</b>	YI1BGD 21260 0245Z	I492
<b>Ivory Coast - TU</b>	TU2JL 20M SSB 0430Z	I491
<b>Jan Mayen - JX</b>	JX7DFA 14010 2330-0100Z	I493
<b>Jordan - JY</b>	JY9SR 20M CW 0145Z	I493
<b>Kuwait - 9K</b>	9K2KS 21250-265 00-0200Z	I492
<b>Macquarie - VK0</b>	VK0GC 14160-200 0400Z	I492
<b>Malta - 9H</b>	9H1IN by HB9DLE July 26-Aug 3	I492
	by HA8s June 28-July 10	I493
<b>Mariana Islands KH0</b>	KH0AC 20M SSB 10-1100Z	I493
<b>Marion Island - ZS8</b>	ZS8MI 14075 CW 1300Z+	I492
	14172 1300Z, listening 14250-260	
<b>Mauritius - 3B</b>	3B8DB 141014 long path 1200Z	I493
	3B8CF 14032 1300, 0245Z	I493
<b>Mayotte - FH</b>	FH8CB 20M SSB 0400Z	I493
<b>Mongolia - JT</b>	JT1BR 14026 1400Z	I493
<b>Morocco - CN</b>	CN2AQ 20M SSB 0300Z	I492
<b>Nicaragua - YN</b>	YN/SM0OIG 20M CW 0100Z	I487
	YN3CC 80M 0530Z, 21005/28005	I493
<b>Oblasts - 042 RJ7R</b>	Late June, early July UT4Us	I491
003 UD6K	UB5JRR early July	I491
055 UI8U	UZ4FWD July 10-July 25	I493
045 UH8W	UZ4FWD June 25-July 9	I493

<b>Ogasawara - JD1</b>	JA1SGU/JD1 July 14-17	I493
<b>Oman - A4</b>	A41KJ 14170-185 13-1400Z LP	I492
<b>Reunion - FR</b>	FR5FO 14020 long path 1145Z	I493
<b>Revillagigedo - XF4</b>	XF4F 14300 1500 or 1600Z	I491
<b>Rodriguez - 3B9</b>	3B9FR 14195 1100Z long path	I491
<b>Rotuma - 3D</b>	3D2XV by VK2BCH June/July	I492
<b>Rwanda - 9X</b>	9X5AA 21360 kHz 1900Z Tuesday	I488
<b>St. Pierre - FP</b>	FP/K1RH June 30-July 7	I490
<b>Sao Tome - S9</b>	S92LB 21280 2100Z	I493
<b>Seychelles - S7</b>	S79J 14190 12-1400Z	I493
<b>Somalia - T5</b>	T5MF 20M SSB 1230-1400Z	I493
	T5CT 14026 1400Z	I493
<b>South Georgia - VP8</b>	VP8BUB 28470 1630Z list	I481
<b>South Shetlands</b>	HL5BDS 28020 14-1700Z	I493
<b>Southern Sudan - ST0</b>	PA3CXC/ST0 June 22-July 1	I493
<b>Sri Lanka - 4S</b>	4S7EA 21300 0000Z	I493
<b>Taiwan - BV</b>	K7OWJ/BV July 11-18	I493
<b>Turkey - TA</b>	TA2BK 14030 2245-0100Z	I493
	21030 20-2330Z, 20M SSB 03-0500Z	
	TA3F 21309 2245Z	I493
<b>United Arab Emirates</b>	A61AC 14250 0300Z, A61AB	I492
<b>Uzbekistan - UI</b>	UI8AA 20M CW 23-0100Z	I493
<b>Western Sahara - S0</b>	S01MZ 20M CW 2130Z	I493
<b>Zimbabwe - Z2</b>	Z21FN 20M CW 1330Z	I492

### DX Activities and Contests

Date	Event or Activity	Info
July 1-2	Venezuelan Contest SSB	CQ
July 8-9	IARU HF Championship	QST

### Contributors

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